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05/08/2007

GRAYBEAL JACKSON HALEY LLP
 Suite. 350
 155-108th Avenue N.E.
 Bellevue, WA 98004-5973
 08/13/2007 SFELEKE2 00000014 10601327

01 FC:1501 1400.00 OP
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Rosanne F. Chow (Depositor's name)
 Rosanne F. Chow (Signature)
 August 8, 2007 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/601,327	06/19/2003	Luigi Occhipinti	2110-66-3	6979

TITLE OF INVENTION: MOLECULAR MEMORY OBTAINED USING DNA STRAND MOLECULAR SWITCHES AND CARBON NANOTUBES, AND METHOD FOR MANUFACTURING THE SAME

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	08/08/2007

EXAMINER	ART UNIT	CLASS-SUBCLASS
MORAN, MARJORIE A	1631	702-019000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

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2. For printing on the patent front page, list

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1 Graybeal Jackson

2 Haley LLP

3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

STMICROELECTRONICS, S.R.L. Agrate Brianza (MI), Italy

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

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☒ Publication Fee (No small entity discount permitted)

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☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 07-1897 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature

Paul F. Rusyn

Date

August 8, 2007

Typed or printed name

Registration No.

42,118

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: Luigi Occhipinti, et al.

Title of Invention: **A MOLECULAR MEMORY OBTAINED USING DNA STRAND MOLECULAR SWITCHES AND CARBON NANOTUBES, AND METHOD FOR MANUFACTURING THE SAME**

Serial No.: 10/601,327

Filing Date: June 19, 2003

Examiner/Unit: Marjorie A. Moran/1631

Attorney Dkt. No.: 2110-066-03

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service as First Class Mail and is addressed to Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 8th day of August, 2007.


Signature

COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

In response to the Examiner's Reasons for Allowance set forth in the Notice of Allowability in this case mailed May 8, 2007, the Applicants, acting through their attorney, provides the following comments.

The undersigned does not necessarily agree with the reasons set forth in the Examiner's Statement of Reasons for Allowance. Moreover, it should be pointed out that the claims may be allowable for other reasons. Furthermore, with regard to the independent claims the Examiner mentions only a particular element in each of

these claims while it is the combination of elements recited in each such claim that is allowable.

While the combinations of elements recited in claims 1, 5-8, 10, 12-16, 18-21, and 30 are patentable, the undersigned would also like to point out that some or all of these individual elements may be broadened such that the resulting combination is still patentable. The Applicants may elect to pursue such claims, or to pursue claims directed to other aspects of the present invention through a divisional, continuation or reissue application, or through a reexamination proceeding, as appropriate.

Please note that in the Information Disclosure Statement (IDS) filed along with the filing of the present application U.S. Patent No. 6,314,019 was cited to the Examiner. This patent was cited in the European Search Report of the corresponding European patent application. In the first Office Action mailed on April 4, 2006, the Examiner initialed all references cited in the IDS except for the '019 patent. She did, however, initial the European Search Report containing this patent and by doing so she has implicitly considered the '019 patent. Moreover, the '019 patent is cited in the European Search Report as merely an "A" reference cited for technological background and was not deemed to be particularly relevant to the present application. Regardless, the '019 patent is of record as having been considered by the Examiner through her initialing the European Search Report in the submitted IDS. The Examiner has formally acknowledged this fact through the Office communication mailed June 11, 2007.

Finally, the undersigned would like to point out that he agrees with and adopts the Examiner's summary of substance of telephone interviews conducted with the Examiner in the present application.

In the event additional fees are due as a result of this document, payment for those fees has been enclosed in the form of a check. Should further payment be required to cover such fees you are hereby authorized to charge such payment to Deposit Account No. 07-1897.

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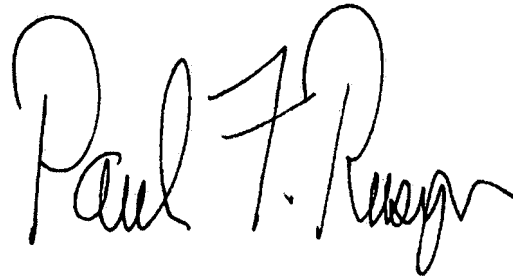
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If the Examiner believes that a phone interview would be helpful, he is respectfully requested to contact the Applicant's attorney, Paul F. Rusyn, at (425) 455-5575.

DATED this 8th day of August, 2007.

Respectfully submitted,

GRAYBEAL JACKSON HALEY LLP

A handwritten signature in black ink, reading "Paul F. Rusyn". The signature is stylized with large, flowing loops for the first and last names, and a more compact, cursive script for the middle initial "F.".

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